

ABSTRACT OF THE DISCLOSURE

Disclosed herein is an internal antenna device of a portable wireless terminal, which comprises a shield plate, an antenna plate, and a carrier interposed between the shield plate and the antenna plate. The shield plate is connected to a ground
5 provided at a certain region of an inner surface portion inside the portable wireless terminal. The ground is coated with a conductive material. The antenna plate is positioned adjacent to the inner surface portion of the portable wireless terminal to face the shield plate at a distance. Since the internal antenna device of the portable
10 wireless terminal is constructed to have a single module form, it can be easily manufactured and assembled to the portable wireless terminal. Further, the shield plate has several advantages in that it can minimize interference between the antenna plate and circuit devices provided in the portable wireless terminal, and that it can expand the ground formed inside the portable wireless terminal, thereby enabling the internal antenna device to be used even in a low frequency band.